

Converting Colors

Hex(3989FA)

Have a look what the booklet for
Hex(3989FA) contains.

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Color

Hex(3989FA)

Conversions

Conversions Part 1

Format	Color
Hex	3989FA
RGB	57, 137, 250
RGB Percent	22%, 54%, 98%
CMY	0.7765, 0.4627, 0.0196
CMYK	0.77, 0.45, 0.00, 0.02
HSL	215°, 95%, 60%
HSV	215°, 77%, 98%
XYZ	27.8883, 25.6633, 93.9261
YIQ	125.9620, -83.9530, 18.1830

Conversions

Conversions Part 2

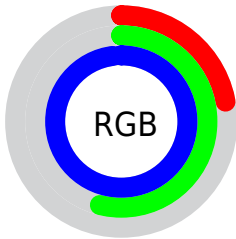
Format	Color
R _Y B	57, 114, 250
Decimal	3770874
CIE Lab	57.72, 14.51, -63.29
CIE LCh	58, 64.933, 282.911
Yxy	25.6633, 0.1891, 0.1740
Android (android.graphics.Color)	4281960954 (0xFF3989FA)
YUV	125.9620, 61.1507, -60.4797
Hunter-Lab	50.6590, 9.6130, -74.4675

Details

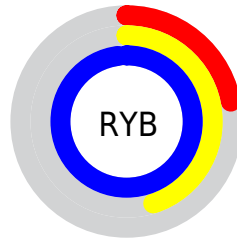
The Hex color **3989FA** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle washed azure. A complement of this color would be **FAAA39**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **82BEFF**, and **0058C1** is the 20% darker color. If you saturate the color by 10%, you get **207AFA**, and if you desaturate by 10%, it is **5298FA**.

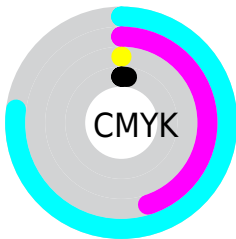
Distribution



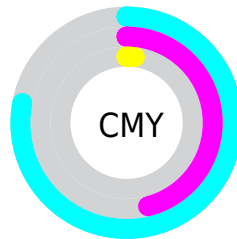
- Red (22%)
- Green (54%)
- Blue (98%)



- Red (22%)
- Yellow (45%)
- Blue (98%)



- Cyan (77%)
- Magenta (45%)
- Yellow (0%)
- Black (2%)



- Cyan (78%)
- Magenta (46%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3989FA changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 3989FA by changing the saturation by 10% instead.

 3989FA

 3989FA


FFFFFF

 0070DD

 82BEFF

 0058C1

 A2D9FF

 0042A5

 C1F6FF

 002D8A

 E0FFFF

 001B70

 000957

 00063E

 000328

 000111

■ 3989FA

■ 3989FA

■ 207AFA

■ 5298FA

■ 076CFA

■ 6BA6FA

■ 0068FA

■ 84B5FA

■ 9DC4FA

■ B6D2FA

■ CFE1FA

■ E8E9FA

■ FFFEFA

■ FFFFFA

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



009AF7



3989FA



AC70DE

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3989FA



E3633F



00A367

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



3989FA



FAA39

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4E9C2F



3989FA



C07C0B

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



3989FA



F05175



8F9000



00A5A2

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



3989FA



D35EBF



8F9000



00A154

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



3989FA



C4DDFF



39FAAA



5C6B80



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



3989FA



1274FF



4939FA



70767D



004EBD



00193D

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



FA3989



FF1274



EAFA39



7D7076



BD004E



3D0019

Previews

White Background



This preview shows how the Hex color 3989FA looks on a white background.

Color Contrast Check

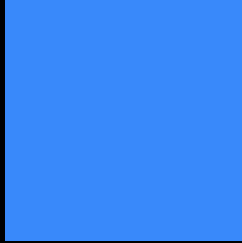
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 3989FA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

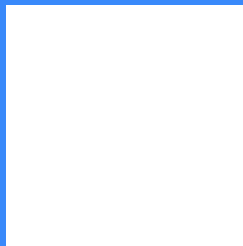
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 3989FA Background



This preview shows how black text looks on a background with the Hex color 3989FA.

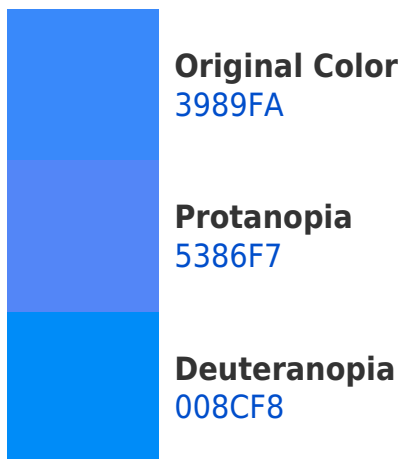


This preview shows how white text looks on a background with the Hex color 3989FA.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

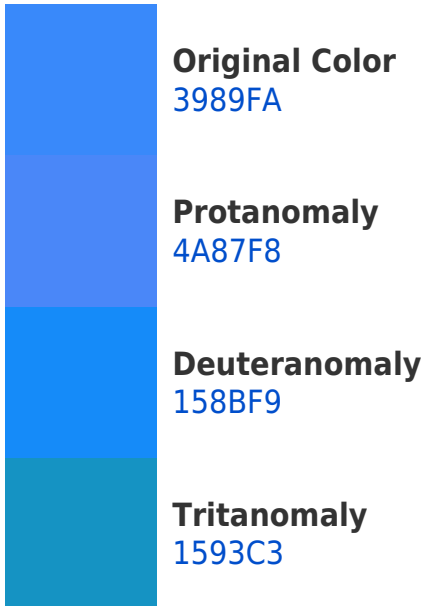
Dichromacy



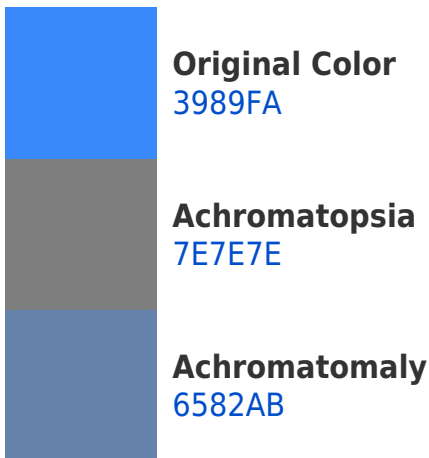


Tritanopia
0099A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3989FA is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #3989FA looks like.

```
.text, #text, p{  
    color:#3989FA  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #3989FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3989FA
}
```

Border

The CSS property to change the border of an element to Hex 3989FA is called "border". The border property can be set on classes, ids or directly on the HTML element.

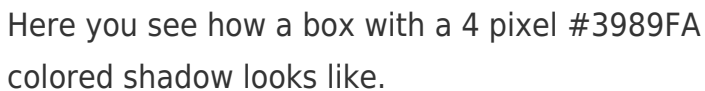
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3989FA }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#3989FA }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #3989FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3989FA; -webkit-box-shadow:4px 4px  
4px 4px #3989FA; box-shadow:4px 4px 4px  
4px #3989FA }
```

Background

The CSS property to change the background color of an element to Hex 3989FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3989FA }
```

If only the background color should be changed can be used:

```
.background{ background-color:#3989FA }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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